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ACCESSIBILITY TO ONTARIO UNIVERSITIES

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INTRODUCTION

The Council of Ontario Universities and the Ontario Universities' Application Centre contracted with Social Data Research to replicate a study, first carried out last year, on accessibility to Ontario universities. (See "Accessibility to Ontario Universities", published by C.O.U. in October, 1984, for the results of last year's study.) This study surveyed applicants from Ontario secondary schools to universities in this province who, by traditional standards, were qualified to register in an Ontario university in September, 1984 but failed to do so. For the 1984-85 academic year, there were a total of 71,834 applicants for admission to university in Ontario and of these, 48,162 were secondary school candidates.

The study population was defined as all traditionally qualified secondary school applicants seeking admission to an Ontario university in the fall of 1984 who were not registered as of November 1, 1984. As before, Grade 13 visa students were excluded from the study. Traditionally qualified applicants were those identified by the Application Centre as having achieved an overall standing of at least 60% on six Grade 13 credits. The study population for this year subsequently processed by the Application Centre totalled 7,798.

For the most part, the research design and methodology remained the same as in the previous year, although some minor changes were made. In terms of the overall design, a two-thirds random sample (4720 users) was drawn rather than administering the survey to the entire population. A sample of this size, while less costly to administer, still allows researchers to carry out the analysis with an insignificant amount of

error. At the same time, however, the sample size was large enough to allow for all combinations of programs and institutions without generating zero cells.

The mailed questionnaire remained almost identical to last year's, although some previously open-ended questions were closed, using last year's responses as a guide (see Appendix B-1). The response rate after two follow-ups was 58.7%, almost identical to last year's result (58.6%).

This year's study also involved a random telephone survey of non-respondents and once again only insignificant differences were found between the respondent and non-respondent population. A detailed description of the questionnaire design, the mail-out procedure, response rates and biases, coding procedure, data entry, editing and analysis, as well as a copy of all study related materials, can be found in Appendices A and B.

Tables in the main body of this year's report are produced in the format developed for last year's analysis. A brief summary of each table is given and differences between the 1983 and 1984 results are highlighted. For the purpose of comparability, the table numbers from last year's report are used.

Once again readers are cautioned not to generalize these results to the university applicant pool as a whole. This report deals ONLY with a sample of traditionally qualified applicants who subsequently did not register in an Ontario university in the fall of 1984.

(A) Pattern of Acceptances and Rejections

(i) Total and Alternative Offers

Table 1 displays the total number of offers that respondents received from any post-secondary institution or from an Ontario university only to a program of their choice. The fraction of respondents who did not receive any offers to a program of their choice from an Ontario university increased from last year by about 2% (25.9% vs 28.0%). Those not receiving an offer to a program of choice from any post-secondary institution remained at about eleven per cent.

Table 1

Total Offers to Program(s) of Choice
from Any Post-Secondary Institution and from an
Ontario University Only

Number of Offers	From Any Post-Secondary Institution	From an Ontario University
0 (none)	10.9	28.0
1	19.0	22.1
2	19.0	22.3
3	24.9	26.2
4	17.1	1.3
5	5.6	0.1
6	2.4	0.0
7	0.9	0.0
8	0.2	0.0
9	0.0	0.0
10	0.0	0.0

N = 2559

In Table 2, total offers, including alternative offers (i.e. not necessarily to a program of choice) from any post-secondary institution and from an Ontario university only, are presented. Once again, the percentage of those not receiving an offer from an Ontario university increased by 2 per cent (17.4% vs 15.4%).

Table 2

Total Offers, Including Alternative Offers from any Post-Secondary Institution and from an Ontario University

Number of Offers	From Any Post-Secondary Institution	From an Ontario University
0 (none)	6.8	17.4
1	14.6	21.7
2	17.9	23.3
3	26.3	35.3
4	21.8	2.0
5	7.3	0.2
6	3.6	0.1
7	1.1	0.0
8	0.4	0.0
9	0.2	0.0
10	0.0	0.0

N = 2559

As in Table 1, there was no change in the result for total offers from any institution. As in the previous year, about seven per cent of the respondents received no offers at all.

(ii) Offers by Institution and Program Type

Differences among institutions with respect to offers for the first three choices made by this year's respondents are presented in Table 3. The overall pattern of results remains the same as last year. Generally, within this population, less than half of the respondents whose first choice was an Ontario university program received an offer of admission to their first choice. Compared to last year, this rate has decreased for the first three choices by several per cent. (First choice = 48.3% vs 46.3%; second choice = 57.1% vs 55.2%; third choice = 60.0% vs 56.9%). Offers to an Ontario college of applied arts and technology and to U.S. colleges, on the other hand, generally went up.

Table 3

Offers by Institution Type for
First Three Choices Made

Institution	Percent Received Offers					
	First Choice		Second Choice		Third Choice	
	%	N	%	N	%	N
Ontario University	46.3	1684	55.2	2087	56.9	2010
Ryerson Polytechnical Institute	84.8	297	56.8	81	62.5	64
Ontario College of Art	72.0	25	60.0	5	50.0	2
Ontario College of Applied Art & Technology	85.2	236	79.2	212	70.3	209
Other Canadian University	91.1	202	72.6	62	85.7	21
U.S. College	83.1	59	68.8	32	71.4	28
Other Post-Secondary Institution	90.0	50	92.3	13	90.0	10

The same trend is evident in Table 4 where offers are broken down by program type. In almost all cases, the percentage of offers declined from last year. The largest decreases in offers came from first choice business (46.9% vs 38.3%), engineering (31.2% vs 26.1%) and education (51.9% vs 41.0%). As in the previous year's result, respondents choosing an applied biological science or arts related program as their first choice were more likely to receive an offer than those applying to other programs. Respondents applying to applied health and engineering once again had the lowest percentage of offers.

Table 4

Offers by Program Type for First Three Choices Made - Ontario Universities Only

Program	Percent Received Offers					
	First Choice		Second Choice		Third Choice	
	%	N	%	N	%	N
Arts related	60.2	673	65.0	858	65.4	856
Business related	38.3	243	53.2	325	57.6	302
General science	49.2	264	59.4	357	58.2	359
Engineering	26.1	184	34.4	218	42.9	182
Applied health	9.0	144	18.9	132	18.7	134
Applied biological science	74.1	54	80.0	55	80.4	51
Education	41.0	122	45.1	142	44.8	125

(B) Factors Affecting Respondents' Choice Not to Attend any Post-Secondary Institution

(1) General Factors

The reasons given by respondents for not attending any post-secondary institution in the fall of 1984 were the same as last year (Table 5). However, more respondents this year than last year said that they did not get into the institution of their choice (29.3% vs 25.6%). The other significant difference from last year's results was that fewer respondents cited lack of finances as a reason for not attending a post-secondary institution (19.5% vs 22.2%).

Table 5

Main Reasons Why Respondents Did Not Attend
Any Post-Secondary Institution

Main Factors	Percent Rated Very Important
Undecided about future	42.6
Did not get accepted into program of choice	34.7
Needed a break	32.6
Did not get accepted into institution of choice	29.3
Wanted to improve Grade 13 marks	25.0
Could not afford to go	19.5
Did not find right program	18.5
Decided to travel	16.3
Intended to look for work	11.0
Preferred to carry on with job	9.7
Did not find right institution	8.1
Parents did not want applicant to go	1.4
Pursued other interests	23.8
Not ready yet	34.7

N* = 640

* Note: N may vary slightly from item to item due to individual item non-response.

(ii) Specific Reasons

Table 6 outlines the specific reasons given, by choice, for not attending a particular institution. The reasons were once again grouped into five categories. However, since last year's question was open-ended and the 1984 version was not, Table 6 is not totally comparable to last year's results. Generally, the trend in answers remained the same. Once again, the main reason given, regardless of choice, was "that a better offer was received to another choice". For the most part, slightly fewer people this year gave finances as a reason for not attending an Ontario university (first choice = 9.7% vs 11.3%; second choice = 10.3% vs 9.8%; third choice = 7.2% vs 8.0%).

(C) Activity on November 1, 1984 and February 1, 1985

Table 7 lists the various activities that respondents were involved in on November 1, 1984 and February 1, 1985 and for the most part the results do not deviate much from last year's. Looking first at the present distribution for November 1, there are fewer respondents reporting that they were attending a university full time on that date than last year (3.5% vs 5.4%) and more attending part time (5.0% vs 3.4%). More respondents also returned to Grade 13 this year than in the last study (13.0% vs 11.4%). The main difference in the February 1 results was that once again fewer respondents were attending university full time (5.2% vs 7.5%) and more were enrolled part-time (6.2% vs 3.9%) than a year previous.

Table 6

Rank Order of Main Reasons Given for not Accepting Offers

Reasons for Rejection to 1st Offer	Percent Total	Ontario Universities
A better offer was received to another choice	50.8	48.2
Own choice - personal reasons	26.3	27.6
Not accepted into program or institution of choice	10.0	10.9
Financial reasons	9.2	9.7
Own choice - institutional reasons	3.7	3.8
N	2128	1811
Reasons for Rejection to 2nd Offer		
A better offer was received to another choice	56.7	54.5
Own choice - personal reasons	22.9	23.8
Financial reasons	9.3	10.3
Not accepted into program or institution of choice	7.4	7.6
Own choice - institutional reasons	3.8	3.9
N	1653	1375
Reasons for Rejection to 3rd Offer		
A better offer was received to another choice	57.3	53.5
Own choice - personal reasons	24.1	26.4
Financial reasons	8.1	7.2
Not accepted into program or institution of choice	7.0	7.6
Own choice - institutional reasons	3.5	3.5
N	1102	881

Table 7

Activity* on November 1, 1983 and February 1, 1984

Activity	Nov. 1	Feb. 1
Enrolled full-time at an Ontario University	3.5	5.2
Enrolled part-time at an Ontario University	5.0	6.2
Enrolled full or part-time in a University outside Ontario	14.3	14.5
Enrolled full or part-time at Ryerson	14.0	14.2
Enrolled full or part-time at OCA	1.0	0.9
Enrolled full or part-time at a CAAT	22.6	22.7
Enrolled full or part-time at another institution	4.4	4.5
Enrolled full or part-time in Grade 13	13.0	7.6
Working full or part-time	25.1	25.8
Unemployed	2.2	3.4
Travelling	3.4	3.2

* Note: In some cases respondents carried out more than one of the above activities at the same time.

(D) Factors Affecting Educational Choices of University Non-Registrants

(i) General Factors

Table 8 was not reproduced this year.

(ii) Specific Reasons

In Table 9, the types of reasons are listed for the first three choices of a post-secondary institution. Since this question was changed from an open-ended one last year to one with structured

questions this year, the results are not totally comparable. However, as in the previous study, the reputation of a particular program or institution was very important. As well, about 10% of the respondents in both years mentioned financial reasons as being important - the fourth important reason overall.

Table 9

Rank Order of Main Reasons given for First Three Educational Choices of a Particular Institution or Program

Reason	First Choice %	(Rank)	Second Choice %	(Rank)	Third Choice %	(Rank)
The institution's reputation for academic excellence	31.4	(1)	29.8	(1)	24.7	(2)
The good reputation of a particular program	31.4	(2)	27.2	(2)	25.0	(1)
Financial reasons	10.3	(3)	11.8	(3)	11.4	(3)
Other reasons	7.3	(4)	7.9	(5)	10.0	(5)
The institution's ambience	7.0	(5)	9.1	(4)	10.8	(4)
The institution's reputation for job-related programs	6.4	(6)	4.2	(7)	3.4	(8)
Advice from others	3.7	(7)	6.8	(6)	8.2	(6)
Other institutional reason	2.6	(8)	3.2	(8)	6.4	(7)
N	2409		2316		2146	

Tables 10 and 11 were not generated this year.

(E) Patterns of Choice

(i) Number of Choices

The main difference noted in Table 12 compared to last year's results is that fewer respondents this year applied to just one (7.3% vs 8.6%) or two (14.3% vs 16.4%) Ontario universities. Considerably more, on the other hand, made three choices (71.2% vs 65.2%). There were also more respondents this year than last listing three colleges of applied arts and technology (11.1% vs 9.9%).

(ii) Ranking of Choice by Institution

There were no differences in the results reported in Table 13. As was the case last year, the vast majority of the first three choices was an Ontario university.

(iii) Ranking of Choices by Program

Program choices varied somewhat from last year (Table 14). Significantly more people chose arts over the other programs. Last year about one third of the sample (33.6%) elected arts as their first choice. This figure has risen to 40.0% for this year's non-registered applicant pool. At the same time, fewer respondents this year chose such programs as engineering (10.9% vs 16.8%); business (14.4% vs 16.5%); and applied health (8.6% vs 10.6%). Programs such as education and general science attracted a greater percentage of applicants this year (7.2% vs 4.9%; 15.7% vs 13.7% respectively).

Table 12

Total Number of Program and Institutional Choices by Type of Institution

Number of Choices	% Total	% Ontario Univ.	% Ryerson	% OCA	% CAAT	% Other Canadian Univ.	% U.S. College	% Other Inst.
0 (none)	0.2 *	1.4 *	76.0	98.4	64.0	86.9	96.3	95.3
1	2.4	7.3	22.7	1.6	13.8	10.6	2.1	4.3
2	5.8	14.3	1.2	0.0	8.5	1.9	0.6	0.3
3	32.1	71.2	0.1	0.0	11.1	0.5	0.5	0.0
4	30.5	4.5	0.0	0.0	1.2	0.0	0.2	0.0
5	11.7	0.9	0.0	0.0	0.7	0.0	0.2	0.0
6	9.7	0.2	0.0	0.0	0.5	0.0	0.0	0.0
7	4.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0
8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 (choices)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

N = 2559

* Note: Although all respondents are on record as having made at least one application to an Ontario University, a small minority of respondents did not recall their application or elected not to respond to this question correctly.

Table 13

Rank Order of Choice by Type of Institution

Institution	%First Choice	%Second Choice	%Third Choice	%Fourth Choice	%Fifth Choice
Ontario University	65.8	81.6	85.8	52.0	34.0
Ryerson Polytechnical Inst.	11.6	3.2	2.7	9.7	3.5
Ontario College of Art	1.0	0.2	0.1	0.4	0.1
Ontario Colleges of Applied Arts and Technology	9.2	8.3	8.9	28.3	54.3
Canadian Universities Outside Ontario	7.9	2.4	0.9	4.7	4.9
U.S. Colleges	2.3	1.3	1.2	2.2	1.9
Other Post Secondary Institutions	2.0	0.5	0.4	2.7	1.3
N	2553	2492	2344	1521	741

Table 14

Rank Order of Choice by Type of Program

Program	%First Choice	%Second Choice	%Third Choice	%Fourth Choice	%Fifth Choice
Arts related	40.0	41.4	42.6	36.4	28.6
Business related	14.4	15.6	15.0	20.0	24.1
General science	15.7	17.1	17.9	12.5	9.7
Engineering	10.9	10.4	9.1	12.6	13.5
Applied health	8.6	6.3	6.7	12.0	18.0
Applied biological sciences	3.2	2.6	2.5	3.4	3.1
Education	7.2	6.8	6.2	3.1	3.0
N	1684	2087	2009	1519	740

(iv) Pattern of Choices by Institution

In Table 15, figures are presented to show the number of times an Ontario university was chosen relative to the total number of choices an applicant made. Regardless of the total number of choices an applicant made, generally only three Ontario universities were chosen. This is consistent with university application procedures in Ontario. However, in almost all cases, a greater percentage of respondents than last year were making all three choices to Ontario universities regardless of the total number of choices made. In addition, for those respondents making only one choice, significantly more chose an Ontario university this year over last year (75.8% vs 68.0%). On the other hand, only about half of those (49.7%) respondents who made two choices this year made both of those choices an Ontario university compared to considerably more than half (56.0%) of the respondents last year.

In Table 16, the various combinations of types of institutions are presented. This pattern remained almost identical to last year. Once again, almost half (47.4%) of the respondents chose to apply to Ontario universities only.

(v) Pattern of Choices by Program

Table 17 illustrates the combination of choices by type of program, controlling for first choice. This year's results showed an increase in the tendency to make second choices in the same program as the first choice. This increase in the results for this year over last year was particularly significant for programs such as business (78.6% vs 75.6%); science (80.0% vs 57.8%); engineering (78.6% vs 58.1%) and applied and biological sciences (75.0% vs

Table 15

Per Cent of Respondents Choosing Ontario Universities
by Total Number of Choices

Total Number of Applications Made	Number of Ontario Universities Chosen											
	(N)	0*	1	2	3	4	5	6	7	8	9	10
one	(64)	24.2	75.8	-	-	-	-	-	-	-	-	-
two	(149)	5.4	45.0	49.7	-	-	-	-	-	-	-	-
three	(822)	0.5	4.0	18.5	77.0	-	-	-	-	-	-	-
four	(780)	0.5	2.7	8.3	80.0	8.5	-	-	-	-	-	-
five	(299)	0.0	4.3	12.7	69.2	9.0	4.7	-	-	-	-	-
six	(249)	0.4	0.8	10.4	81.1	3.2	1.6	2.4	-	-	-	-
seven	(124)	0.0	1.6	6.5	83.5	6.5	1.6	0.0	0.0	-	-	-
eight	(45)	0.0	0.0	6.7	77.8	8.9	6.7	0.0	0.0	0.0	-	-
nine	(13)	0.0	7.7	7.7	69.2	15.4	0.0	0.0	0.0	0.0	0.0	-
ten	(11)	0.0	0.0	0.0	72.7	9.1	9.1	0.0	0.0	0.0	0.0	9.1

* Note: Although all respondents are on record as having made at least one application to an Ontario university, a small minority of respondents did not recall their application or did not answer this question correctly.

Table 16

Combinations of Choices by Type of Institution

Choices	N	Percent
Ontario Universities only	1214	47.4
Ontario Universities and at least one College of Applied Arts and Technology	618	24.2
All of the above and Ryerson	279	10.9
All of the above and another Institution	8	0.3
Ontario University and Ryerson	318	12.4
Ontario University Ryerson and another Institution	9	0.4
Ontario University and another Institution	89	3.5
Ontario University, CAAT and another Institution	14	0.6
Incomplete Information	10	0.4
Total	2559	100.0

Table 17

Combination of Choices by Type of Program
Controlling for First Choice

First Choice Program	Ranking Choice 1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
Arts	100.0	82.1	81.5	70.8	56.1	42.5	60.6	46.2	0.0	100.0
Business	100.0	78.6	67.3	59.5	53.8	52.5	58.1	9.1	0.0	0.0
Science	100.0	80.0	70.1	55.9	24.4	11.8	14.3	0.0	0.0	0.0
Engineering	100.0	78.6	66.3	50.0	40.9	54.5	37.5	60.0	0.0	0.0
Applied health	100.0	45.5	57.7	44.8	44.2	46.9	64.5	25.0	62.5	50.0
Applied biological sciences	100.0	75.0	30.6	21.4	36.4	11.1	0.0	0.0	0.0	0.0
Education	100.0	22.2	58.7	47.2	21.4	9.1	0.0	0.0	0.0	0.0

44.4%). Fewer people this year, on the other hand, who chose education or applied health as a first choice also made this their second choice (22.2% vs 38.5%; 45.5% vs 59.1% respectively).

(F) A Profile of Ontario University Non-Offers

As in the analysis of the previous year, a number of tables were run only for those respondents who did not receive any offers to an Ontario university. In Table 18, the mean number of total choices and choices to an Ontario university is presented and respondents receiving no offers are compared to the overall sample. Once again, respondents who received no offers tended to make slightly fewer choices overall than the sample as a whole. For the most

Table 18

Mean Number of Total Choices and Choices to an Ontario University for those Respondents Receiving no Offers from an Ontario University

	N	Mean Number of Choices	Mean Number of choices to an Ontario University
Respondents with no offers of their choice	717	4.0	2.5
Respondents with no offers at all	446	3.9	2.4
Total respondents	2559	4.1	2.7

part, the average number of applications that respondents made this year rose from last year regardless of whether or not any offers were received. The only exception to this was for the average number of applications to Ontario universities, which remained at 2.7 for the sample overall. Respondents who received no offers of their choice, on the other hand, tended to have made more applications to Ontario universities this year over last (2.5 vs 2.3) as did those respondents who received no offers at all including alternative offers (2.4 vs 2.1).

Table 19 presents the selection of an Ontario university as at least one of the first five choices broken down by whether or not respondents received any offers. Similar to last year, both non offer groups were over represented in their choice of an Ontario university as their first choice. However, compared to last year's results all respondents were more likely to choose Ontario universities. In most cases, there was an increase of at least two percent in the choice of an Ontario university.

Table 19

Choice of an Ontario University
among the Top Five Choices

	Respondents with no offers of their choice %	Respondents with no offers at all %	Total Respondents %
First Choice	73.4	71.5	66.0
Second Choice	81.6	78.0	83.7
Third Choice	80.3	78.0	85.8
Fourth Choice	31.5	28.3	52.0
Fifth Choice	20.0	21.6	34.0

The results in Table 20, which looks at selected programs, are quite similar to those from last year. However, fewer respondents overall chose engineering and applied science (no offers to choice = 12.9% vs 17.1%; no offers at all = 9.7% vs 13.3%; total respondents = 9.7% vs 13.5%), and more chose arts (no offers to choice = 15.3% vs 13.2%; no offers at all = 22.1% vs 19.3%; total respondents = 23.6% vs 20.6%). As in previous years, though, respondents with no offers were over-represented in fields such as engineering and nursing.

Table 20

Choice of a Specific Program for First Three Choices

First Choice	Respondents with no offers of their choice	Respondents with no offers at all	Total Respondents
Selected Programs	%	%	%
General Arts	15.3	22.1	23.6
General Science	12.6	12.8	13.3
Business	15.8	16.2	15.7
Engineering and Applied Science	12.9	9.7	9.7
Nursing	14.6	7.4	7.0
Second Choice			
Selected Programs			
General Arts	16.8	23.7	26.7
General Science	14.3	15.1	15.4
Business	16.4	17.0	15.7
Engineering and Applied Science	12.7	8.6	8.8
Nursing	15.7	8.4	6.9
Third Choice			
Selected Programs			
General Arts	16.9	24.4	28.2
General Science	15.0	16.1	16.2
Business	14.9	16.1	15.0
Engineering and Applied Science	13.0	8.3	8.7
Nursing	17.1	8.3	7.4

Table 21 shows the Grade 13 mean grade point average for each group, and once again the engineering and applied health fields required the highest marks to elicit offers. In fact, the level of grades required of this population for entrance into an Ontario university program increased across the board by a full percentage point in most cases.

Table 21

Mean Grade 13 Grade Point Average by Program and Whether or not an Offer was Received - Ontario University Programs Only

	An offer was made	No offer was made
First Choice Program		
Arts related	74.0	66.2
Business related	74.2	67.4
General Science related	77.1	66.3
Engineering related	81.2	70.4
Applied Health	77.4	70.8
Applied Biological Sciences	72.2	64.3
Education related	71.4	65.7
Second Choice Program		
Arts related	74.7	66.1
Business related	74.9	67.1
General Science related	77.1	66.7
Engineering related	80.2	70.1
Applied Health	78.2	70.6
Applied Biological Sciences	71.4	67.4
Education related	71.2	66.5
Third Choice Program		
Arts related	74.6	66.6
Business related	74.6	67.4
General Science related	77.6	68.0
Engineering related	80.4	69.7
Applied Health	78.2	70.2
Applied Biological Sciences	73.3	64.4
Education related	71.2	66.4

(ii) Activity on November 1, 1984

Comparing the non-offer groups with the respondents overall in terms of their activity on November 1 brought similar results to last year (Table 22). Once again, the non offer respondents were far more likely to return to Grade 13 or to attend a college of applied arts and technology than the respondents as a whole. They were also more likely to be working full or part time. The non offer respondents were also less likely to explore the option of attending a university outside Ontario or to enroll part time at an Ontario university. There were, however, also some differences between this year and last year's results, particularly for the non offer groups. Respondents receiving no offers to their choices or any alternative offers were more likely this year to be attending a college of applied arts and technology (no offer to choice = 33.2% vs 31.6%; no offers at all = 34.1% vs 29.5%), or to be enrolled in Grade 13 (no offer to choice = 23.6% vs 19.6%; no offers at all = 29.1% vs 22.7%) and less likely than last year to be working full or part time (no offer to choice = 27.1% vs 29.0%; no offers at all = 29.1% vs 31.5%).

SUMMARY

It appears that for the most part, this year's results are similar to last year's with some slight tightening of access to Ontario universities having occurred. As well, it appears that applicants are becoming more aware of possible restrictions in some programs and are making more informed choices.

Table 22

Activity* on November 1, 1984 for Respondents who Did Not Receive University Offers

	Respondents with no offers of choice	Respondents with no offers at all	Total offers
Enrolled full-time at an Ontario University	0.6	0.2	3.5
Enrolled part-time at an Ontario University	3.9	0.2	5.0
Enrolled full-time or part-time in a university outside Ontario	6.6	7.0	14.3
Enrolled full-time or part-time at Ryerson	11.4	7.4	14.0
Enrolled full-time or part-time at OCA	0.6	0.7	1.0
Enrolled full-time or part-time at an Ontario College of Applied Art and Technology	33.2	34.1	22.6
Enrolled full-time or part-time at another institution	2.1	2.7	4.4
Enrolled full-time or part-time in Grade 13	23.6	29.1	13.0
Working full or part-time	27.1	29.1	25.1
Unemployed	2.0	2.0	2.2
Travelling	1.5	1.6	3.4

* Note: In some cases respondents carried out more than one of the above activities at the same time.

APPENDIX A

DETAILED RESEARCH DESIGN AND FIELDWORK PROCEDURES

A-1. Time Table and Schedule of Events

1985

April 1 - April 15	Study design; questionnaire construction
April 16 - April 30	Pretest of questionnaire; Questionnaire finalization
May 1 - May 15	Printing of questionnaires; Organization of mailout; Construction of codebook
May 16 - May 31	First mailout; preliminary coding of returns and finalization of codebook
June 1 - June 15	Processing returns; second mailout (reminder cards); coding; data entry; design of data edits
June 16 - June 30	Processing returns; final mailout; coding; data editing; design of preliminary tabulations
July 1 - July 15	Processing returns; coding; data entry; data editing; tabulations
July 16 - July 31	Processing returns; coding; data entry; data editing; tabulations; design of final report
Aug. 1 - Aug. 15	Telephone survey of non-respondents; coding completed; data entry and editing completed; final tabulations completed; introductory report
Aug. 16 - Aug. 31	Finalization of report

Table A-1

Comparison between Respondents and
the Population on Key Background Variables

	Respondents	Population
Sex		
Males	42.4	46.0
Females	57.6	54.0
Language of Correspondence		
English	98.4	98.1
French	1.3	1.5
Unknown	0.3	0.4
County of Residence		
Lanark	0.5	0.4
Ottawa-Carleton	6.3	6.9
Prescott & Russell	0.4	0.5
Renfrew	0.7	0.8
Glengarry	0.7	0.9
Kenora	0.8	0.7
Rainy River	0.4	0.3
Thunder Bay	1.1	1.0
Algoma	1.5	1.4
Manitoulin	0.0	0.0
Sudbury District	0.3	0.2
Sudbury Reg. Mun.	1.6	1.7
Cochrane	0.4	0.5
Muskoka	0.3	0.2
Nipissing	0.6	0.6
Parry Sound	0.4	0.3
Timiskaming	0.4	0.3
Elgin	0.7	0.5
Essex	2.6	2.9
Huron	0.7	0.5
Kent	1.1	0.9
Lambton	1.0	1.1
Middlesex	3.7	3.8
Brant	1.2	1.0
Bruce	0.3	0.5
Grey	0.7	0.7
Oxford	1.1	1.1
Perth	0.8	0.7
Waterloo	3.9	3.3
Wellington	1.3	1.4
Niagara	4.5	4.4
Haldimand/Norfolk	0.6	0.7
Hamilton/Wentworth	4.8	4.5

Table A-1 (Continued)

Comparison between Respondents and
the Population on Key Background Variables

	Respondents	Population
County of Residence (Continued)		
Dufferin	0.2	0.3
Halton	5.0	5.0
Peel	5.5	6.0
Simcoe	2.1	2.3
Metro Toronto	27.9	28.0
Haliburton	0.1	0.1
Victoria	0.6	0.4
York	3.2	3.6
Durham	3.7	3.4
Northumberland	0.4	0.4
Frontenac	2.0	1.8
Hastings	1.2	1.1
Leeds & Grenville	0.9	0.8
Lennox & Addington	0.2	0.2
Peterborough	1.1	0.9
Prince Edward	0.2	0.2
N	2559	4720

A-2. Questionnaire

A revised questionnaire was drafted by Social Data Research and the Research Team. Areas addressed included both general and specific factors related to the choice of a post-secondary institution, the applicants' program and institutional choice(s); whether or not original or alternative offers were received; the applicants' activity on November 1, 1984 and February 1, 1985; and finally, reasons why applicants chose not to enrol in any post-secondary institutions. There were no background questions (i.e. sex, residence, etc.) included in the questionnaire since these characteristics exist on a separate file at the Application Centre. These data, which were attached to the response data set at a later date, included the respondent's sex, county of residence, language of correspondence and Grade 13 grade point average.

The questionnaire was designed as a self-administered instrument and took on average about ten minutes to complete.

A-3. Mailout Procedure

The mailout of all questionnaires was carried out by the staff of the Ontario Universities' Application Centre. In total three mailings occurred: first, a questionnaire was sent to the entire population; about 2 to 3 weeks after the first mailing, a second questionnaire was sent to those applicants who had still not responded; and finally after an additional 2 weeks, all remaining non-respondents received another questionnaire.

In order to keep track of who responded and who did not, four sets of address labels were produced from the master file. Three sets of labels were required for the mailings and the fourth was used as a control set. Each questionnaire had an ID label on it which was matched by the mailout clerks to the corresponding ID on the outgoing envelope label. As each filled out survey was received, a clerk pulled off the remaining corresponding mailout label(s) as well as the ID label from the control labels. The control label was affixed to the matching label on the returned questionnaire. The entire mailout procedure was carried out during the later part of May and most of June. The final date for processing returned surveys was July 31, 1985.

A-4. Response Rates and Biases

With regard to rates of response, it was anticipated that the first mailout would produce a return of about 30%, that an additional 10% could be expected as a result of the second questionnaire, and that the third mailout would generate a further 15% to 20%, yielding a final, overall response rate of between 55% and 60%. In fact, the final response rate for the study was 58.7%, well within the projected goal after non-deliverable questionnaires are adjusted for. There was a total of 237 non-deliverable surveys and 75 blank or uncodeable questionnaires.

In order to judge whether there was response bias in the study two routes were taken. The first was a comparison of a few key background characteristics between respondents and the population, and the second was to carry out a telephone survey of 200 randomly chosen non-respondents and compare the distribution of their responses on a few key questions to those of the respondents. (See Appendix B-2 for a copy of the instrument).

In the first bias check, tables were generated from the master file that compared respondents with the population in terms of their sex, language of correspondence and county of residence. The results are presented in Table A-1. The differences in distribution for the most part were very slight, although, once again, females were slightly over-represented in the response file.

In the telephone survey, non-respondents were asked the key questions about their program and institutional choices in 1984, whether or not any offers were received, and what their activities were last November 1, 1984 and last February 1, 1985. Once again the difference in the answers between the respondents and non-respondents were insignificant. A slightly higher proportion (29.0% vs 26.6%) of respondents did not receive any offers at all to an Ontario University of their choice, however, this difference is partly due to sampling error.

A-5. Coding

After each returned questionnaire was accounted for by the mailout clerk, it was filed for coding. A small percentage of the returned questionnaires were not coded, due either to ineligibility or high item non-response. A detailed coding manual (see Appendix B-3), which included instructions on exactly how to code each question, was prepared for the coders. In this way, the coding process was almost completely standardized.

Most of the questions and items in the questionnaire were closed-ended and the coding for these involved only the transfer of the appropriate code to the margin of the instrument. In other instances, however, the questions were open-ended, so that coders had to refer to the manual for the list of possible choices and their appropriate codes. Program and institution codes were developed using a schema adopted by the Application Centre and modified for the purpose of this study so that programs could be cross-referenced between the various colleges and universities (see Appendix B-3).

The coding procedure was carried out by a team of specially trained coders from the Application Centre. During the first few weeks of coding, supervisors from Social Data Research and the Application Centre checked the coding thoroughly, and any problems were worked out. After this period, regular checking continued throughout the entire coding phase, and coders were continually encouraged to set aside problem questionnaires for supervisors to code.

A-6. Data Entry, Editing and Analysis

Once the data were coded, they were entered directly into a computer file by data entry clerks at the Application Centre. The data were then edited for out of range and inconsistent codes. In particular, the edit program was designed to identify inconsistencies between programs and institutions in Questions 2, 3, 4, 5 and 6. If a program was coded or entered that was not offered at a particular institution, for example, the entire record was rejected. Surveys which were rejected due to any of the above errors were returned to the coders for correction and subsequently re-submitted to the entry clerks. Once again, difficult cases were set aside for the supervisors of the project.

During the data entry phase of the project, the basic demographic characteristics, as well as a few additional key variables from the Application Centre's master file of non-registrants, were transferred to the return file. These variables included sex, language of correspondence, county of residence, and Grade 13 academic record.

Once all the eligible surveys were entered into the file and edited for final errors, final tabulations were completed using SPSS-pc.

The final edited return file contained 2559 number of cases.

APPENDIX B

RESEARCH MATERIALS

ONTARIO UNIVERSITIES' APPLICATION SURVEY

INTRODUCTION

The Council of Ontario Universities and the Ontario Universities' Application Centre are very interested in the general issue of access to post secondary education and in what factors play a role in students' choices of a program and institution.

The records of the Application Centre indicate that you applied for admission to an Ontario university last year but were not registered at one as of November 1, 1984. (You will have an opportunity to correct this information if it is incorrect). We would very much appreciate your co-operation in completing the following questions regarding program and institutional preferences, activity as of November 1, 1984 and February 1, 1985, and factors which affected your preferences and activity.

This information you provide will be treated in the strictest confidence. The number you see on the questionnaire corresponds to your application number and will be used for record keeping purposes only.

Please return the completed questionnaire in the pre-stamped envelope provided. It is very important that we receive your completed questionnaire as soon as possible. To ensure validity of the survey, every response is needed.

Thank you for your assistance and co-operation in this important project.

INSTRUCTIONS

Please read the instruction for each question carefully and indicate your response clearly either by **choosing the number or letter** that best corresponds to your response or **by checking the appropriate box** ☑ where applicable. If you find that none of the responses applies to you, please write in your answer near the question. If a write-in response is required, **please print** to ensure that your answer is legible. Thank you for your help.

1. Below are listed some of the general factors related to post secondary educational choices. Thinking back to your experience last year, please rank the importance of each one of the following for you by checking ☑ the appropriate box.

	Unimportant or not a factor	Moderately Important	Very Important
(a) the institution's reputation for academic excellence	☐	☐	☐
(b) the good reputation of one particular program	☐	☐	☐
(c) the institution's athletic facilities and programs	☐	☐	☐
(d) the institution's size	☐	☐	☐
(e) size of the community in which the institution is located	☐	☐	☐
(f) the institution's reputation for job-oriented programs	☐	☐	☐
(g) to move away from my home town	☐	☐	☐
(h) to be with friends	☐	☐	☐
(i) family member(s) attended institution chosen	☐	☐	☐
(j) the advice or encouragement of high school teachers	☐	☐	☐
(k) the advice or encouragement of counsellors	☐	☐	☐
(l) the advice or encouragement of family	☐	☐	☐
(m) the advice or encouragement of friends	☐	☐	☐
(n) the institution's location close to home	☐	☐	☐
(o) finances	☐	☐	☐
(p) admission or program requirements	☐	☐	☐
(q) the institution's atmosphere	☐	☐	☐
(r) other factors (please specify below)			
_____	☐	☐	☐
_____	☐	☐	☐

3. Some institutions, when unable to offer an applicant a place in the program applied for, will make an offer in an alternative program. Please list below any **alternative offers made to you** by any of the institutions of your choice.

	What was the name of the program?	What was the name of the institution?	Was the offer: 1 = full time studies 2 = part time studies	Did you accept 1 = Yes 2 = No
(1)				
(2)				
(3)				

REFERRING BACK TO Q. 2 AND Q. 3, IF YOU DID NOT RECEIVE ANY OFFERS AT ALL, PLEASE CHECK HERE ☐ AND SKIP TO Q. 5.

If you received one or more offers, please answer the questions below.

4. Please list any programs and institutions from which you received an offer but did not accept or register and indicate the main reason for your decision by selecting the appropriate letter from the list of reasons given.

	What was the name of the program?	What was the name of the institution?	Did you: 1 = accept but not register 2 = not accept	What was your MAIN reason for this decision? (Record appropriate letter from list)
(1)				
(2)				
(3)				
(4)				
(5)				

List of Reasons

(a) a better offer was received from another institution or program

(b) was not accepted into program or institution of choice

(c) needed a break from school

(d) undecided about future

(e) program or institution not recommended

(f) worry about not being able to get a job

(g) could not afford to attend

(h) did not want to move away from home

(i) other reasons

Please specify:

_____

_____

_____

_____

_____

_____

2. **Please list below, in order of your original preference,** all of the post secondary programs and institutions (including universities, Ryerson, Ontario College of Art and community colleges, whether in Ontario or not) that you completed an application for last year. Each combination of program and institution should be regarded as an individual choice (e.g. applications for engineering and science at a single institution should be reported as two choices). Please indicate your main reason for each choice by selecting the appropriate letter from the list of reasons given in Q 1, as well as whether or not an offer for admission was received.

	What was the name of the program?	What was the name of the institution?	Were you applying for 1 = full time studies 2 = part time studies	What was your MAIN REASON for making this choice? (Record appropriate letter from Q 1)	Did you receive an offer? 1 = Yes, an offer was made 2 = No, an offer was not made
1st choice					
2nd choice					
3rd choice					
4th choice					
5th choice					
6th choice					
7th choice					
8th choice					
9th choice					
0th choice					

7. Below are listed some of the reasons why students choose not to enrol in a post secondary institution. If you did not enrol in any post secondary institution in 1984/85, please rank the importance of each one for you by checking ☑ the appropriate box.

	Unimportant	Moderately Important	Very Important
(a) I wanted to attend a post secondary institution but I could not afford it	☐	☐	☐
(b) I needed a break from school	☐	☐	☐
(c) I was undecided about my future plans	☐	☐	☐
(d) I did not find the right program for me	☐	☐	☐
(e) My parents did not want me to attend a post secondary institution	☐	☐	☐
(f) I did not find the right institution for me	☐	☐	☐
(g) I decided to travel	☐	☐	☐
(h) I preferred to carry on with my job	☐	☐	☐
(i) I intended to look for work	☐	☐	☐
(j) I did not get accepted into the program of my choice	☐	☐	☐
(k) I wanted to improve my Grade 13 marks	☐	☐	☐
(l) I did not get accepted into the institution of my choice	☐	☐	☐
(m) I wanted to pursue other interests	☐	☐	☐
(n) I was not ready yet	☐	☐	☐
(o) Other reasons (please specify below)	☐	☐	☐
_____	☐	☐	☐
_____	☐	☐	☐

8. Finally, please provide any general comments about your experiences in applying to an Ontario university.

_____

_____

_____

_____

_____

_____

_____

THANK YOU VERY MUCH

EVERYONE PLEASE ANSWER Q.5 AND Q.6

5. What were you doing on last November 1, 1984? Were you . . . **(Please read all the responses and check ☑ those that apply).**

1 ☐ registered in an Ontario university

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

2 ☐ registered in a university outside Ontario

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

3 ☐ registered at Ryerson

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

4 ☐ registered at the Ontario College of Art

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

5 ☐ registered in a community college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

6 ☐ registered at another post secondary institution or technical college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

7 ☐ enrolled in Grade 13

(Please check) Were you enrolled

full time ☐ 1 part time ☐ 2

8 ☐ working

(Please check) Were you working

full time ☐ 1 part time ☐ 2

9 ☐ unemployed but looking for work

10 ☐ travelling

11 ☐ other, please specify

_____

_____

6. What were you doing on February 1, 1985? Were you . . . **(Please read all the responses and check ☑ those that apply).**

1 ☐ registered in an Ontario university

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

2 ☐ registered in a university outside Ontario

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

3 ☐ registered at Ryerson

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

4 ☐ registered at the Ontario College of Art

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

5 ☐ registered in a community college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

6 ☐ registered at another post secondary institution or technical college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

7 ☐ enrolled in Grade 13

(Please check) Were you enrolled

full time ☐ 1 part time ☐ 2

8 ☐ working

(Please check) Were you working

full time ☐ 1 part time ☐ 2

9 ☐ unemployed but looking for work

10 ☐ travelling

11 ☐ other, please specify

_____

_____

1984 UNIVERSITY APPLICATION STUDY

TELEPHONE SURVEY ANSWER SHEET

Respondent's Name: _____

Sex: 1 ___ Male 2 ___ Female

Choice of Program and Institution in Order of Preference

	Program	Institution	Did R receive offer? 1. Yes 2. No	Did R receive alternative offer?. 1. Yes (Record Program. 2. No
1st				
2nd				
3rd				
4th				
5th				
6th				
7th				
8th				
9th				
10th				

Activity on Nov. 1, 1984: _____

_____

_____

Activity on Feb. 1, 1985: _____

_____

_____

Other Comments: _____

_____

INTERVIEW QUESTION SHEET

Introduction: Hi. My name is _____ and I'm conducting a telephone study for the Council of Ontario Universities. Some time ago we sent mail surveys to all applicants to an Ontario University for the 1983/84 school year who did not eventually register. Our records show that you did apply to at least one Ontario University during this period. Is that true?

The government is very concerned about whether or not qualified applicants are able to attend a University here in this province and therefore, I would like to ask you just a few quick questions. Thank you very much.

1. First, could you tell me which programs and institutions in order of your original preference, including Ryerson, OCA, all universities and colleges both in and outside Ontario you applied for in 1983?
   Did you receive an offer from any of your choices? (If yes) Which ones?
2. I'm going to read you a list of activities and I'd like you to tell me what you were doing on last Nov. 1, 1984. (Please read list below and record all activities). Were you:

(a) registered full or part-time in a post-secondary institution (which one and which program)

(b) enrolled full or part-time in Grade 13

(c) working full or part-time

(d) unemployed but looking for work

(e) travelling

(f) something else?

3. How about on last Feb. 1, 1985, were you still doing the same thing or something else? (Please record activity for Feb. 1).

Thank you very much for your time. Do you have anything you'd like to add?

APPENDIX B-3

Final Coding Manual

Variable Name	Description	Field Length (N. of Cols.)
ID1	Applicant's ID	9
Line 1	Line Number	1
	1. Below are listed some of the general factors related to post secondary educational choices. Thinking back to your experience last year, please rank the importance of each one of the following for you by ✓ the appropriate box.	
	(Do not code)	Skip 25
	2. Please list below, in order of your original preference, all of the post secondary programs and institutions (including universities, Ryerson, Ontario College of Art and community colleges, whether in Ontario or not) that you completed an application for last year. Each combination of program and institution should be regarded as an individual choice (e.g. applications for engineering and science at a single institution should be reported as two choices). Please indicate your main reason for each choice as well as whether or not an offer for admission was received.	
Q2A1	First choice program (code using attached lists)	2
Q2A2	First choice institution (code using attached list)	3
Q2A3	Was applicant applying full time or part time? 1. full time 2. part time	1

Variable Name	Description	Field Length (N. of Cols.)
Q2A4	What was first main reason for making this choice? (Code letter given left justify)	2
Q2A5	What was second main reason for making this choice? (code same as above) 99. no second reason given	2
Q2A7	Did applicant receive an offer? 1. yes 2. no	1
Q2B1-Q2B7	Same as above for second choice 9. no other choices given	12
Q2C1-Q2C7	Same as above for third choice 9. no other choices given	12

Variable Name	Description	Field Length (N. of Cols.)
Q2D1-Q2D 7	Same as above for fourth choice	12
	9. no other choices given	
Q2E1-Q2E 7	Same as above for fifth choice	12
	9. no other choices given	
Q2F1-Q2F 7	Same as above for sixth choice	12
	9. no other choices given	
Q2G1-Q2G 7	Same as above for seventh choice	12
	9. no other choices given	
Q2H1-Q2H 7	Same as above for eighth choice	12
	9. no other choices given	
Q2I1-Q2I 7	Same as above for ninth choice	12
	9. no other choices given	
Q2J1-Q2J 7	Same as above for tenth choice	12
	9. no other choices given	

3. Some institutions, when unable to offer a place in the program applied for, will make an offer in an alternative program. Please list below any alternative offers made to you by any of the institutions of your choice.

Q3A1	Program of first alternative offer	2
	(code program using same code list as in Q2)	
	99. no offers made	
Q3A2	Institution of first alternative offer	3
	(code institution using same code list as in Q2)	
	999. no offers made	

Variable Name	Description	Field Length (N. of Cols.)
Q3A3	Was the offer full or part time? 9. no offers made 1. full time 2. part time	1
Q3A4	Did applicant accept offer? 9. no offers made 1. yes 2. no	1
Q3B1-Q3B4	Same as above for second alternative offer 9's. no second offer made	7
Q3C1-Q3C4	Same as above for third alternative offer 9's. no third offer made	7
Q3	More than three alternative offers made? 1. yes 2. no	1
Q4A1	First program that applicant did not accept or register in (code program using same code list as Q2) 99. no offers received	2
Q4A2	First institution that applicant did not accept or register in (code institution using same code list as Q2) 999. no offers received	3
Q4A3	Did applicant accept but not register or not accept? 9. no offers received 1. accepted but did not register 2. did not accept	1

Variable Name	Description	Field Length (N. of Cols.)
Q4A4	First main reason why not? (Code letter given - left justify)	2
Q4A5	Second main reason why not (code same as above - left justify)	2
Q4B1-Q4B6	Code second offer same as first 9's. no other offers received	11
Q4C1-Q4C6	Code third offer same as above	11
Q4D1-Q4D6	Code fourth offer same as above	11
Q4E1-Q4E6	Code fifth offer same as above	11

Variable Name	Description	Field Length (N. of Cols.)
	5. What were you doing on last November 1, 1983? Were you ... (Please read all the responses and check those that apply).	
Q5A1	Was applicant registered in an Ontario university?	1
	1. yes, checked 2. no, not checked	
Q5A2	If yes, which one?	3
	(code using list from Q2)	
	999. not applicable	
Q5A3	If yes, which program?	2
	(code using list for Q2)	
	99. not applicable	
Q5A4	If yes, was applicant registered full or part time	1
	9. not applicable 1. full time 2. part time	
Q5B1	Was applicant registered in a university outside Ontario?	1
	1. yes 2. no	
Q5B2	If yes, which one?	3
	(code using list from Q2)	
	999. not applicable	
Q5B3	If yes, which program?	2
	99. not applicable	

Variable Name	Description	Field Length (N. of Cols.)
Q5B4	If yes, was applicant registered full or part time 9. not applicable 1. full time 2. part time	1
Q5C1	Was applicant registered at Ryerson? 1. yes 2. no	1
Q5C2	If yes, which program? (code using list for Q2) 99. not applicable	2
Q5C3	Was applicant registered full or part time 9. not applicable 1. full time 2. part time	1
Q5D1	Was applicant registered at the Ontario College of Art? 1. yes 2. no	1
Q5D2	If yes, which program? (code using list from Q2) 99. not applicable	2
Q5D3	Was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q5E1	Was applicant registered in a community college? 1. yes 2. no	1
Q5E2	If yes, which one? (code using list from Q2) 999. not applicable	3

Variable Name	Description	Field Length (N. of Cols.)
Q5E3	If yes, which program? (code using list from Q2) 99. not applicable	2
Q5E4	Was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q5F1	Was applicant registered in another post secondary institution? 1. yes 2. no	1
Q5F2	If yes, which one? (code using attached list of private institutions) 99. not applicable	2
Q5F3	If yes, which program? (code using attached list of programs) 99. not applicable	2
Q5F4	If yes, was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q5G1	Was applicant enrolled in Grade 13? 1. yes 2. no	1
Q5G2	If yes, was applicant enrolled full or part time? 9. not applicable 1. full time 2. part time	1
Q5H1	Was applicant working? 1. yes 2. no	1

Variable Name	Description	Field Length (N. of Cols.)
Q5H2	If yes, was applicant working full or part time? 9. not applicable 1. full time 2. part time	1
Q5I	Was applicant unemployed? 1. yes 2. no	1
Q5J	Was applicant travelling? 1. yes 2. no	1
Q5K	Was applicant doing something other than above? 1. yes 2. no (left justify)	2
Q5	Did applicant give more than one activity? 1. yes 2. no	1

6. What were you doing on February 1, 1984? Were you ... (Please read all the responses and check those that apply).

Variable Name	Description	Field Length (N. of Cols.)
Q6	Was applicant doing exactly the same thing on February 1, 1984? 1. yes 2. no, applicant was doing something different (Please note - Q6 should still be coded for everyone)	1
Q6A1	Was applicant registered in an Ontario university? 1. yes, checked 2. no, not checked	1
Q6A2	If yes, which one? (code using list from Q2) 999. not applicable	3
Q6A3	If yes, which program? (code using list from Q2) 99. not applicable	2
Q6A4	If yes, was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6B1	Was applicant registered in a university outside Ontario? 1. yes 2. no	1
Q6B2	If yes, which one? (code using list from Q2) 999. not applicable	3
Q6B3	If yes, which program? 99. not applicable	2

Variable Name	Description	Field Length (N. of Cols.)
Q6B4	If yes, was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6C1	Was applicant registered at Ryerson? 1. yes 2. no	1
Q6C2	If yes, which program? (code using list for Q2) 99. not applicable	2
Q6C3	Was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6D1	Was applicant registered at the Ontario College of Art? 1. yes 2. no	1
Q6D2	If yes, which program? (code using list from Q2) 99. not applicable	2
Q6D3	Was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6E1	Was applicant registered in a community college? 1. yes 2. no	1
Q6E2	If yes, which one? (code using list from Q2) 999. not applicable	3

Variable Name	Description	Field Length (N. of Cols.)
Q6E3	If yes, which program? (code using list from Q2) 99. not applicable	2
Q6E4	Was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6F1	Was applicant registered in another post secondary institution? 1. yes 2. no	1
Q6F2	If yes, which one? (code using list of private institutions) 99. not applicable	2
Q6F3	If yes, which program? (code using attached list of programs) 99. not applicable	2
Q6F4	If yes, was applicant registered full or part time? 9. not applicable 1. full time 2. part time	1
Q6G1	Was applicant enrolled in Grade 13? 1. yes 2. no	1
Q6G2	If yes, was applicant enrolled full or part time? 9. not applicable 1. full time 2. part time	1
Q6H1	Was applicant working? 1. yes 2. no	1

Variable Name	Description	Field Length (N. of Cols.)
Q6H2	If yes, was applicant working full or part time? 9. not applicable 1. full time 2. part time	1
Q6I	Was applicant unemployed? 1. yes 2. no	1
Q6J	Was applicant travelling? 1. yes 2. no	1
Q6k	Was applicant doing something other than above? 1. yes 2. no (left justify)	2
Q6	Did applicant give more than one other activity? 1. yes 2. no	1

Variable Name	Description	Field Length (N. of Cols.)
	7. Below are listed some of the reasons why students do not enrol in a post secondary institution. If you did not enrol in a post secondary institution in 1983/84, please rank the importance of each one for you by checking the appropriate box.	
Q7A	I wanted to attend university but could not afford it.	1
	1. unimportant 2. moderately important 3. very important 9. no response	
Q7B-Q7 L	(code same as above)	13
Q701	First other	1
	(code as above)	
Q702	Second other	1
	(code as above)	

Code	University Program	Community College Equivalent & Other (program # from Horizons, pp 12-19)	Ryerson (program # from Horizons, p. 87)
01	Agriculture	Agricultural Technology	-
02	Architecture	Technology 241 Architectural (Building) Technician 242 Architectural (Design) Technician 243 Architectural (Design) Technology 244 Architectural (Drafting) Technician 245 Architectural (Drafting) Technology 246 Architectural (Mechanical Systems) Technician 247 Architectural Technician 248 Architectural Technology	Technology 74.03 Architectural Science
03	General Arts	-	-
04	Fine and Applied Arts (All courses at OCA are codes 04)	Arts 052 Advertising Art 053 Apparel, Management/Design 054 Art Conservation Techniques 055 College Vocational Program 056 Commercial Art & Design/ Packaging Design 057 Commercial Ceramics 058 Computer Graphics 059 Crafts & Design/Material Arts/ Furniture Accessory 060 Creative &/or Commercial Arts & Crafts 061 Dance 062 Design Arts/Basic Design 063 Fashion Arts/Modelling/Design/ Merchandising 064 Fine Arts & Crafts/Administration 065 Floriculture, Retail 067 Graphic Design 068 Horsemanship/Equine Care/ harness/Horse Industry Operation	Arts 70.01 Fashion 70.02 Graphic Arts Management 70.03 Interior Design 70.05 Library Arts 70.06 Photographic Arts 70.07 Radio and Television Art 70.08 Theatre

Code	University Program	Community College Equivalent & Other	Ryerson
04	Fine and Applied Arts (continued)	069 Industrial Design	
		070 Interior Design/Decorating	
		071 Jewellery Arts/Repairs/Watchmaking	
		073 Metal Arts	
		076 Painting	
		078 Pottery	
		079 Sign Writing (Commercial Art)/ Screen Painting/Print Making	
		080 Theatre Arts/Performing Arts	
		081 Urban Design	
		082 Visual Arts: Merchandiging	
05	Science	Technology	Technology
		258 Biological (Chemical) Technician	74.09 Laboratory Science
		259 Biological (Industrial Microbiology) Technician	
		260 Biological (Microbiology/Electron Microscopy) Technology	
		261 Biological (Research) Technology	
		262 Biological (Sciences) Technology	
		267 Chemical (Biochemical) Technician	
		268 Chemical (Biochemical) Technology	
		272 Chemical (Food & Drug) Technology	
		276 Chemical (Laboratory) Technician	
		277 Chemical (Laboratory) Technology	
		278 Chemical (Microbiology) Technology	
		279 Chemical (Pharmaceutical) Technology	
		282 Chemical Technician	
		283 Chemical Technology	
		284 Civil (Building Construction) Technician	
		297 Computer (Computing Science) Technology	
		298 Computer (Data Processing) Technician	
		302 Computer (Micro) Service Technician	
		303 Computer (Science) Technology	
		304 Computer (Systems) Technology	

Code	University Program	Community College Equivalent & Other	Ryerson
06	Business	Business 083 Business: Accounting 087 Business: Administration & Management 113 Business: Data Processing 122 Business: Marketing, Sales 130 Business: Secretarial	Business 72.00 Business 72.01 Business Administration 72.02 Business Management 72.03 Hospitality & Tourism Management 72.04 Secretarial & Administrat Studies
07	Education	Instructional Resource Services 235 Audio-Visual/Instruction Materials/ Equipment Technician 236 Educational Resources Technician 237 Library Technician	
08	Physical Education, Health and Recreation	Community Services 167 Coaching, Gymnastics/Athletics/ Training Management/Figure Skating/Diving 174 Fitness Instructor	

Code	University Program	Community College Equivalent & Other	Ryerson
09	Engineering and Applied Sciences	Technology	Technology
		269 Chemical Eng Technician	74.01 Aerospece Eng Technology
		271 Chemical (Environmental) Eng Technician	74.02 Applied Computer Science
		273 Chemical (Industrial) Eng Technician	74.04 Chemical Eng Technology
		274 Chemical (Industrial) Eng Technology	74.05 Civil Eng Technology
		275 Chemical (Industrial Hygiene) Eng Technology	74.07 Electrical Eng Technology
		280 Chemical (Polymer) Eng Technician	74.08 Industrial Eng Technology
		281 Chemical (Polymer) Eng Technology	74.11 Mechanical Eng Technology
		285 Civil (Construction) Eng Technician	74.12 Metallurgical Eng Technolo
		286 Civil (Drafting) Eng Technician	74.13 Survey Eng Technology
		287 Civil Eng Technician	
		288 Civil Eng Technology	
		289 Civil (Explosives) Eng Technician	
		290 Civil (Marine) Eng Technology	
		291 Civil (Municipal) Eng Technology	
		292 Civil (Public Works) Eng Technician	
		293 Civil (Public Works) Eng Technology	
		294 Civil (Structural) Eng Technology	
		295 Civil (Transportation) Eng Technician	
		296 Civil (Transportation) Eng Technology	
		299 Computer Eng Technician	
		300 Computer Eng Technology	
		301 Computer (Micro) Eng Technology	
		306 Construction Eng Technician	
		307 Construction Eng Technology	
		308 Construction (Heavy Equipment) Eng Technician	
		309 Construction (Management) Eng Technician	
		310* Construction (Management) Eng Technology	
		311 Construction (Supervisor) Technician	
		312 Control (Systems) Eng Technician	
		313 Control (Systems) Eng Technnology	
		314 Digital Electronics Eng Technician	
		315 Drafting Eng Technician	

Code	University Program	Community College Equivalent & Other	Ryerson
09	Engineering and Applied Sciences (continued)	318 - 347 Other engineering 350 Other engineering 361 - 362 " 366 - 368 " 370 " 372 - 376 " 379 - 381 " 383 " 387 - 391 " 393 - 400 " 402 - 407 " 409 - 412 " 422 " 424 - 427 " 434 - 435	
10	Environmental Studies	Technology 348 Environmental Science Technician/ Technology Community Services 168 Community: Environmental Planning/ Development	
11	Forestry	Technology 355 Forestry (Fish & Wildlife) Technology 356 Forestry (Parks & Recreation) Technology 357 Forestry Technician 358 Forestry Technology	

Code	University Program	Community College Equivalent & Other	Ryerson
09	Engineering and Applied Sciences	Technology	Technology
		269 Chemical Eng Technician	74.01 Aerospece Eng Technology
		271 Chemical (Environmental) Eng Technician	74.02 Applied Computer Science
		273 Chemical (Industrial) Eng Technician	74.04 Chemical Eng Technology
		274 Chemical (Industrial) Eng Technology	74.05 Civil Eng Technology
		275 Chemical (Industrial Hygiene) Eng Technology	74.07 Electrical Eng Technology
		280 Chemical (Polymer) Eng Technician	74.08 Industrial Eng Technology
		281 Chemical (Polymer) Eng Technology	74.11 Mechanical Eng Technology
		285 Civil (Construction) Eng Technician	74.12 Metallurgical Eng Technolo.
		286 Civil (Drafting) Eng Technician	74.13 Survey Eng Technology
		287 Civil Eng Technician	
		288 Civil Eng Technology	
		289 Civil (Explosives) Eng Technician	
		290 Civil (Marine) Eng Technology	
		291 Civil (Municipal) Eng Technology	
		292 Civil (Public Works) Eng Technician	
		293 Civil (Public Works) Eng Technology	
		294 Civil (Structural) Eng Technology	
		295 Civil (Transportation) Eng Technician	
		296 Civil (Transportation) Eng Technology	
		299 Computer Eng Technician	
		300 Computer Eng Technology	
		301 Computer (Micro) Eng Technology	
		306 Construction Eng Technician	
		307 Construction Eng Technology	
		308 Construction (Heavy Equipment) Eng Technician	
		309 Construction (Management) Eng Technician	
		310* Construction (Management) Eng Technology	
		311 Construction (Supervisor) Technician	
		312 Control (Systems) Eng Technician	
		313 Control (Systems) Eng Technnology	
		314 Digital Electronics Eng Technician	
		315 Drafting Eng Technician	

Code	University Program	Community College Equivalent & Other	Ryerson
09	Engineering and Applied Sciences (continued)	318 - 347 Other engineering 350 Other engineering 361 - 362 " 366 - 368 " 370 " 372 - 376 " 379 - 381 " 383 " 387 - 391 " 393 - 400 " 402 - 407 " 409 - 412 " 422 " 424 - 427 " 434 - 435 "	
10	Environmental Studies	Technology 348 Environmental Science Technician/ Technology Community Services 168 Community: Environmental Planning/ Development	
11	Forestry	Technology 355 Forestry (Fish & Wildlife) Technology 356 Forestry (Parks & Recreation) Technology 357 Forestry Technician 358 Forestry Technology	

Code	University Program	Community College Equivalent & Other	Ryerson
12	Household Science	Community Services 166 Child Studies/Nanny 172 Early Childhood Education/Day Worker 173 Family/Consumer Studies 175 Gerontology Techniques 177 Infant/Toddler Care & Education Techniques - Post Diploma 181 Nursery Aide/Family Day Care	Community Services 73.02 Early Childhood Education 73.04 Food, Nutrition, Consumer and Family Studies
13	Journalism	Communications 154 Journalism Print/Broadcast/ General	Arts 70.04 Journalism
14	Landscape Architecture	Technology 365 Horticulture Technician 377 Landscape Technician 378 Landscape Technology Arts 072 Landscape Design	Technology 74.10 Landscape Architecture Technology
15	Music	Arts 074 Music 075 Music Industry Arts 077 Piano Community Service 189 Piano Technician	
16	Nursing	Health 219 Mental Health Nursing 220 Nursing Assistant 221 Nursing Assistant - Post RNA 222 Nursing (Diploma) 223 Nursing Refresher/Upgrading 224 Nursing - Post RN	Community Service 73.01 Adult Intensive Care Nurs 73.05 Nursing

Code	University Program	Community College Equivalent & Other	Ryerson
17	Pharmacy	Health 227 Pharmacy Assistant	
18	Rehabilitation Medicine	Health 228 Physiotherapy/Occupational Therapy	
19	Social Work	Community Services 162 Addiction Counsellor 164 Behavioural Science/Mental Health Worker 165 Child Care Worker/Child Services 169 Community Studies/Social Resource Development 170 Correctional Worker/Community Worker 171 Counsellor: Special Care/Residential/ Rehab/Workshop Rehab 180 Mental Retardation Counsellor 182 Ontario Native Education (Alcohol & Drug Abuse Worker) 183 - 186 Ontario Native Education - Other 192 Social Services Worker	Community Services 73.06 Social Work
20	Veterinary Medicine	Health 208 Animal Health/Care	
21	Sports Administration	Community Services 163 Arena/Ski Area Management 187 Outdoor Recreation Technician/ Golf Course Technician 188 Parks Operation & Services 190 Recreation/Facilities Management/ Administration/Leadership 193 Sports/Entertainment Administration	
22	Arts and Science	Arts 066 General Arts, and Science	

Code	University Program	Community College Equivalent & Other	Ryerson
23	Other - Canadian Studies, Cultural Studies, Environment & Resource Studies, Computer Studies, Comparative Development Studies, Native Skills, Integrated Studies	-	
24		Other Communications not listed above	
25		Other Community Services not listed above	Other Community Services not list above
26		Food, Hospitality and Tourism	
27		Other Health not listed above	
28		Other Technology not listed above	Other Technology not listed above

ONTARIO

B--	Brock University
C--	Carleton University
G--	University of Guelph
A--	Lakehead University
L--	Laurentian University
M--	McMaster University
O--	Universite d'Ottawa
Q--	Queen's University
T--	University of Toronto
R--	Trent University
W--	University of Waterloo
Z--	University of Western Ontario
N--	University of Windsor
Y--	York University
U--	Wilfrid Laurier University
P--	Royal Military College
H01	Ryerson Polytechnical Institute
H02	Ontario College of Art

MANITOBA

I03	University of Manitoba
I01	Brandon University
I05	University of Winnipeg

SASKATCHEWAN

J01	University of Saskatchewan
J02	University of Regina

ALBERTA

K01	University of Alberta
K03	Canadian Union College
K02	University of Calgary
K04	University of Lethbridge
K07	Athabasca University

BRITISH COLUMBIA

S01	University of British Columbia
S03	Royal Roads Military College
S06	Simon Fraser University
S07	University of Victoria

ONTARIO COMMUNITY COLLEGES

X01	Algonquin College of Applied Arts & Technology
X02	Cambrian College of Applied Arts & Technology
X03	Canadore College of Applied Arts & Technology
X04	Centennial College of Applied Arts & Technology
X05	Conestoga College of Applied Arts & Technology
X06	Confederation College of Applied Arts & Technology
X07	Durham College of Applied Arts & Technology
X08	Fanshawe College of Applied Arts & Technology
X09	George Brown College of Applied Arts & Technology
X10	Georgian College of Applied Arts & Technology
X11	Humber College of Applied Arts & Technology
X12	Lambton College of Applied Arts & Technology
X13	Loyalist College of Applied Arts & Technology
X14	Mohawk College of Applied Arts & Technology
X15	Niagara College of Applied Arts & Technology
X16	Northern College of Applied Arts & Technology
X17	Sault College of Applied Arts & Technology
X18	St. Clair College of Applied Arts & Technology
X19	St. Lawrence College of Applied Arts & Technology
X20	Seneca College of Applied Arts & Technology
X21	Sheridan College of Applied Arts & Technology
X22	Sir Sanford Fleming College
X23	Centralia College of Agricultural Technology
X24	Kemptville College of Agricultural Technology
X25	New Liskeard College of Agricultural Technology
X26	Niagara Parks Commission, School of Horticulture
X28	Ridgetown College of Agricultural Technology
X29	Toronto Institute of Medical Technology

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V--	Other Ontario Institutions (private)
Z10	Other Non-Ontario Canadian Institutions (private)
Z20	Non-Canadian Institutions (Universities)
Z30	Other Non-Ontario Canadian Institutions (Community Colleges)
Z40	Other Non-Canadian Institutions (private)
Z50	Universities outside North America
Z99	Unknown

UNIVERSITIES - Alphabetic Listing

D03	Acadia University
K01	Alberta, University of
K07	Athabasca University
D11	Atlantic Institute of Education
F01	Bishop's University
I01	Brandon University
S01	British Columbia, University of
B--	Brock University
K02	Calgary, University of
D12	Cape Breton, University College of
C	Carleton University
F09	Concordia University
D04	Dalhousie University
G--	Guelph, University of
D10	King's College, University of
A	Lakehead University
L--	Laurentian University
F07	Laval, Universite
K04	Lethbridge, University of
I03	Manitoba, University of
F02	McGill University
M--	McMaster University
D01	Memorial University
D18	Moncton, Universite de
F04	Montreal, Universite
D15	Mount Allison University
D05	Mount St. Vincent University
D16	New Brunswick, University of
D07	Nova Scotia, Technical University of
H02	Ontario College of Art
O--	Ottawa, Universite de
D02	Prince Edward Island, University of

F06	Quebec, Universite de
Q	Queen's University
J02	Regina, University of
P	Royal Military College
S03	Royal Roads Military College
H01	Ryerson Polytechnical Institute
D13	Sainte-Anne, Universite
D08	St. Francis Zavier University
D17	St. Thomas University
D09	St. Mary's University
J01	Saskatchewan, University of
F08	Sherbrooke, Universite de
S06	Simon Fraser University
D07	Technical University of Nova Scotia
T--	Toronto, University of
R--	Trent University
W--	Waterloo, University of
E--	Western Ontario, University of
U--	Wilfrid Laurier University
N--	Windsor, University of
I05	Winnipeg, University of
S07	Victoria, University of
Y--	York University

B-4. Re-classification of Programs by Program Type

1. Arts Related - general arts, fine and applied arts, arts and science, journalism, music, social work, miscellaneous arts related, communications and community service.

2. Business Related - business, sports administration, food, hospitality and tourism.

3. General Science Related - science

4. Engineering Related - engineering and applied sciences, architecture, landscape architecture, other technology.

5. Applied Health - nursing, pharmacy, rehabilitation medicine, other health.

6. Applied Biological Sciences - agriculture, environmental science, forestry, household science, veterinary science.

7. Education Related - education, physical education.